

REMARKS

Claim 4 has been canceled without prejudice or disclaimer. Accordingly, claims 1-3 and 5-12 are pending.

Information Disclosure Statement

Applicants appreciate the Examiner's acknowledgment of the Information Disclosure Statement filed on June 2, 2004.

35 U.S.C. §102

Claims 1-12 have been rejected under 35 U.S.C. § 102(b) as being anticipated by Lauterbach, "Trace32 RTOS Debugger for pSOS+" (TRACE32). Applicants have amended the independent claims without adding any new issues requiring further search and/or reconsideration. Therefore, Applicants request entry of the foregoing amendments and reconsideration of the rejection.

In particular, Applicants have amended independent claims 1, 8 and 10 to include the limitations of claim 4, which has been canceled without prejudice or disclaimer. As amended, each of the independent claims includes that the relationship between the processes using a layout of graphic symbols and

lines therebetween, uses graphic symbols corresponding to the processes and lines representing a parent-child or brother relationship between the processes. An example of this type of display is shown in Fig. 8 of the application which shows the display example of a process graph 151. For example, process box 801 is linked by line 811 with process box 802, indicating a parent-child process, and whereas process box 804 is linked by a line 812 with the process box 801, also showing a parent-child relationship between process boxes 801 and 804. Further, a brother relationship is shown between processes 802 and 804. See page 15, lines 15-24 of the specification, for example.

In the Office Action, support for the rejection of the claims based upon the TRACE32 system is provided by the disclosure of the "statistics and flow tasks" figure on page 5 of the reference for teaching an indication of relationships between tasks, such as active and non-active state. However, the reference does not disclose representing a relationship between processes as claimed by Applicants in which the processes are represented using a layout of graphic symbols

corresponding to the processes and lines representing a parent-child or brother relationship between the processes.

According to the present invention, the display mode of the process box representing each process is updated in synchronization with the process execution. The display mode corresponds to the operation status of the process. TRACE32 shows task execution in a time sequence diagram after all of the tasks are finished. On the other hand, the present invention shows real-time status of the execution of processes. Accordingly, TRACE32 does not disclose updating the display mode for the graphic symbol indicating the operation state of each process when detecting the operation state change as set forth in each of the independent claims.

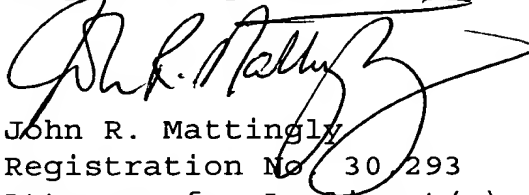
Applicants request reconsideration of the rejection in view of the foregoing amendments and remarks. Although the independent claims have been amended to include the limitations of the graphic symbol corresponding to the processes and the lines representing a parent-child or brother relationship between the processes, the added limitations do not present new issues requiring further search and/or

consideration since these limitations have already been considered in the Office Action.

Conclusion

Entry of the foregoing amendments and withdrawal of the 35 U.S.C. §102(b) rejection are respectfully requested.

Respectfully submitted,



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Date: April 26, 2005